

Storm Data and Unusual Weather Phenomena

May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons Killed	Number of Persons Injured	Estimated Damage Property	Estimated Damage Crops	Character of Storm
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NEW MEXICO Southeast

Lea County Nadine	05	1500MST			0	0	0	0	Hail(0.75)
Lea County 3 NW Hobbs to Hobbs	05	1502MST 1522MST			0	0	0	0	Hail(1.00)
Multiple reports of dime to quarter size hail ...including 3 miles northwest of Hobbs on SH18 and 1 mile north of Hobbs on SH132. Duration of hail in Hobbs proper was 20 minutes. Severe thunderstorms in Lea County developed near a dryline, and were associated with a very active severe weather event which occurred on this day. Most of the event ...however...was confined to West Texas.									
Lea County Jal	10	1703MST			0	0	0	0	Hail(1.75)
Lea County 7 N Jal	10	1800MST			0	0	0	0	Hail(1.75)
Lea County Jal	10	1815MST			0	0	0	0	Hail(1.75)
Lea County 7 N Jal	10	1815MST			0	0	0	0	Thunderstorm Wind (G52)
An isolated supercell thunderstorm tracked east across southern Lea County on the afternoon of the 10th. Multiple reports of large hail to the size of golfballs, along with at least one funnel cloud, and severe wind gusts were received. No significant damage was reported.									

TEXAS West

Scurry County 13 W Snyder to 11 W Snyder	04	1845CST 1900CST			0	0	0	0	Hail(0.75)
Scurry County 6 N Snyder	04	1945CST			0	0	0	0	Hail(1.25)
Reported on Highway 208.									
Scurry County Knapp	04	2015CST			0	0	0	0	Hail(1.75)
Martin County Tarzan	04	2030CST			0	0	0	0	Hail(1.75)
Borden County Gail	04	2105CST 2145CST			0	0	0	0	Hail(0.75)
Hail covered the ground.									
Scurry County Hermleigh	04	2105CST			0	0	7K	0	Hail(1.75)
Large hail driven by 50 mph winds broke windows and punctured holes in the side of a trailer house.									
Borden County Lake J B Thomas	04	2130CST			0	0	0	0	Hail(1.00)
Reported on northwest shore of lake off of FM 1205 and Highway 1610.									
Scurry County 2 SW Knapp	04	2200CST			0	0	0	0	Hail(1.00)
Scurry County Ira to 3 E Ira	04	2215CST 2225CST			0	0	0	0	Hail(1.00)
Multiple reports including on Highway 1606.									
Scurry County 4 SW Ira	04	2215CST	0.5	200	0	0	15K	0	Tornado (F0)
Road signs and four power poles were blown down when a tornado crossed Highway 350.									

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Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
TEXAS West									
Gaines County Cedar Lake	04	2230CST			0	0	0	0	Hail(0.75)
Mitchell County 6 N Colorado City	04	2245CST			0	0	0	0	Thunderstorm Wind (G61) An NWS damage survey determined a large tree just off of Highway 208 on County Road 155 was uprooted by thunderstorm Winds...possibly associated with the RFD...south of the tornado's path.
Mitchell County 7 N Colorado City	04	2245CST	0.8	250	0	0	50K	0	Tornado (F0) Storm spotters reported a tornado. An NWS damage survey determined a path width of 250 yards with a length between one half mile and one mile. The tornado blew down sixteen power poles as it crossed Highway 208 north of Colorado City. Dollar estimates of damage determined through interviews with utility company responsible for damaged power poles.
Scurry County Dunn	04	2245CST			0	0	0	0	Hail(0.75)
Mitchell County 5 N Loraine to 4 N Loraine	04	2301CST 2303CST			0	0	0	0	Hail(2.75) Multiple spotter reports.
Mitchell County 4 N Loraine	04	2303CST	0.1	150	0	0	0	0	Tornado (F0) Storm spotters reported a brief tornado.
Mitchell County Loraine	04	2305CST			0	0	17K	0	Thunderstorm Wind (G61) An NWS damage survey determined thunderstorm winds damaged a utility pole ...destroyed the roof on a building ...and caused minor roof damage to a church.
Mitchell County 2.5 E Loraine	04	2330CST			0	0	10K	0	Hail(2.75) Reported along Interstate 20 on the county line. Damage sustained to vehicles traveling on the interstate. Numerous severe thunderstorms developed on the evening of the 4th across the Permian Basin. The most intense activity was across the eastern basin....where three supercell storms moved parallel to Interstate 20 producing large hail, damaging winds, and tornadoes. Damage resulting from a weak tornado was observed on Highway 350 southwest of Ira in southern Scurry County. Two tornadoes were observed in northern Mitchell County just before midnight ...along with hail to the size of baseballs. Damage from the tornadoes was limited to downed power poles. As the dryline retreated west across the basin ...other storms formed in the western basin. These storms were less organized, but produced dime size hail. Total dollar estimates of the damage are in the 95K to 100K range.
Brewster County Terlingua	05	1520CST 1530CST			0	0	0	0	Hail(0.75) Dime size hail covered the ground up to two inches deep.
Brewster County Study Butte	05	1530CST			0	0	1K	0	Thunderstorm Wind (G52) Minor roof damage resulted from thunderstorm winds.
Brewster County 43 E Study Butte	05	1635CST 1655CST			0	0	0	0	Hail(2.00)
Gaines County 22 W Seminole	05	1700CST			0	0	0	0	Hail(1.00)
Pecos County 6 W Ft Stockton	05	1703CST			0	0	0	0	Thunderstorm Wind (G52)M A storm spotter measured severe thunderstorm wind gusts at the intersection of FM2037 and Interstate 10.
Pecos County 13 NW Ft Stockton	05	1729CST			0	0	0	0	Flash Flood High water was reported over the road at the intersection of Highways 285 and FM 1776.
Pecos County 10 WNW Ft Stockton	05	1749CST			0	0	0	0	Flash Flood

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May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
					Killed	Iniured	Propertv	Crops	
<u>TEXAS West</u>									
			12-17 inches of water was reported covering FM1776 between Highway 285 and Interstate 10.						
Pecos County 11 NW Ft Stockton	05	1749CST			0	0	0	0	Hail(1.75)
			Reported on FM1776.						
Pecos County 10 W Ft Stockton	05	1752CST			0	0	0	0	Flash Flood
			5 inches of water covered the intersection of FM 1776 and Interstate 10.						
Pecos County 9 N Ft Stockton	05	1803CST			0	0	0	0	Hail(1.75)
			Reported on highway 18.						
			Thunderstorms developed during the late afternoon along a dryline stretched across West Texas and parts of New Mexico on the 5th.						
			It was an active severe weather day regionally ...with more significant storms across the Texas Panhandle region. Thunderstorms across the Big Bend region and the western Permian Basin produced damaging winds and hail to the size of hen eggs.						
Midland County 15 SSW Spraberry	07	1620CST			0	0	0	0	Hail(1.00)
			Quarter size hail was reported to have covered Highway 3095. Public report.						
Glasscock County 13 WSW Garden City	07	1700CST			0	0	0	0	Hail(1.75)
			Storm spotters reported golfball size hail on Highway 137...5 miles south of the intersection with Highway 158 in Glasscock County.						
Midland County 21 SSW Midland	07	1700CST 1715CST			0	0	0	0	Hail(0.75)
Glasscock County Garden City	07	1715CST			0	0	0	0	Hail(0.88)
Midland County 21 SSW Midland	07	1730CST 1745CST			0	0	0	0	Hail(1.00)
Glasscock County 6 S Garden City	07	1809CST 1820CST			0	0	0	0	Hail(2.75)
			Storm spotters reported large hail ranging in size from golballs to baseballs south of Garden City on Highway 33.						
Glasscock County 5 E Garden City	07	1840CST			0	0	0	0	Thunderstorm Wind (G56)
			A large tree was blown down by damaging thunderstorm winds...blocking parts of Highway 158.						
Midland County 9 E Midland	07	1916CST			0	0	0	0	Hail(1.00)
Midland County 7 S Greenwood	07	1921CST			0	0	0	0	Hail(0.75)
			Local television media reported dime size hail on FM 1379.						
Glasscock County 15 N Garden City	07	2008CST			0	0	0	0	Hail(1.75)
			Storm spotters reported golfball size hail just south of the Howard and Glasscock County line on Highway 33.						
Howard County 10 S Big Spring	07	2008CST			0	0	0	0	Hail(1.75)
			Storm spotters reported golfball size hail just north of the Howard and Glasscock County line on Highway 33.						
Mitchell County Loraine	07	2030CST			0	0	0	0	Hail(1.00)
Mitchell County Loraine	07	2118CST			0	0	0	0	Hail(0.88)
Mitchell County Loraine	07	2118CST			0	0	0	0	Thunderstorm Wind (G52)
			Isolated severe thunderstorms formed along a dryline, and affected parts of the eastern Permian Basin late in the day on the 7th. LP						

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<u>TEXAS West</u>									
Pecos County Coyanosa to 4 S Coyanosa	10	1550CST 1630CST			0	0	20K	2.5M	Hail(2.75) supercell structures were the primary convective mode. Large hail to the size of baseballs along with a couple reports of damaging winds were received. Multiple reports from the community of Coyanosa indicated ping-pong ball to baseball size hail fell in and just south of that town for extended periods of time, ranging from 45 minutes to one hour. This resulted in the devastation of melon, onion, and pecan crops. An NWS damage survey also indicated that windows were broken out of vehicles, and roofs were damaged.
Pecos County 4 S Coyanosa	10	1725CST			0	0	0	0	Hail(0.75) A second severe thunderstorm moved along the same track as the previous storm. The second storm was less intense, resulting in dime size hail.
Brewster County 24 E Panther Junction	10	1730CST			0	0	0	0	Thunderstorm Wind (G52)
Pecos County Coyanosa	10	1755CST			0	0	0	0	Flash Flood Street flooding was reported in Coyanosa.
Pecos County 3 S Coyanosa	10	1809CST			0	0	0	0	Flash Flood Flooding was reported on Farm to Market Road 1776.
Pecos County 18 N Ft Stockton	10	1818CST			0	0	0	0	Hail(1.75) Reported by a television meteorologist along Farm to Market Road 1053.
Pecos County 5 NW Ft Stockton	10	1853CST			0	0	0	0	Hail(1.75) Reported at the intersection of Highway 285 and Farm to Market Road 1776.
Pecos County 3 N Ft Stockton to 5 E Ft Stockton	10	1919CST 2000CST			0	0	500K	0	Hail(4.50) Hail up to the size of softballs produced widespread damage on the north and east side of Fort Stockton. The KOA campground east of Ft. Stockton was significantly damaged. Wind blown hail stones drove holes into the north facing sides of mobile homes. There were numerous broken car and house windows in and near the city of Ft. Stockton. Witnesses reported the duration of large hail to be just under an hour. An NWS damage survey estimated damage to be in the range of a half a million dollars.
Pecos County 11 SE Ft Stockton	10	1949CST	0.2	50	0	0	0	0	Tornado (F0) A brief tornado was reported by a television meteorologist.
Andrews County 24 W Andrews	10	1950CST			0	0	0	0	Thunderstorm Wind (G52)
Pecos County 8 E Ft Stockton	10	2010CST			0	0	50K	0	Hail(1.75) Trained spotters reported golfball size hail breaking car and residential windows 8 to 10 miles east of Fort Stockton near interstate 10.
Pecos County 5 W Bakersfield	10	2030CST			0	0	0	0	Hail(0.75)
Pecos County 15 W Bakersfield	10	2040CST			0	0	0	0	Hail(1.75) Law enforcement officials reported hail to the size of golfballs along Interstate 10 between mile marker 284 and 288.
Pecos County Bakersfield	10	2045CST			0	0	0	0	Hail(1.75) Three intense supercell thunderstorms developed over northern and central Pecos County during the afternoon and evening of the 10th. The first storm tracked slowly across the northern parts of the county, devastating crops near the town of Coyanosa. The second storm followed a similar path, but resulted in less destructive hail. The third supercell to affect Pecos County this day developed northwest of Fort Stockton, and proceeded to move east across the northern parts of the city. This storm resulted in devastating hail. The storm then tracked along, and just south, of Interstate 10. A brief tornado was observed south of the interstate

Storm Data and Unusual Weather Phenomena

May 2002

Location

TEXAS West

by a local TV meteorologist southeast of Fort Stockton. Damage from hail was common along Interstate 10 between Fort Stockton and Bakersfield. Total losses from the Pecos County storms were roughly three million dollars.

Additional severe thunderstorms were observed across West Texas on the 10th. An isolated supercell moved out of southeast New Mexico ...producing severe thunderstorm winds in Andrews County. Also, a severe thunderstorm in the Big Bend region resulted in severe thunderstorm wind gusts.

Brewster County Panther Junction	25	1600CST			0	0	0	0	Thunderstorm Wind (G66)M
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Brewster County 6 ENE Terlingua to 16 ENE Terlingua	25	1600CST 1615CST			0	0	0	0	Hail(1.00)
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Hail covered the road into the lodge for 10 miles.

Ector County Penwell	25	1833CST			0	0	0	0	Hail(1.75)
Ector County Penwell	25	1833CST			0	0	0	0	Thunderstorm Wind (G52)
Ector County 6 WSW Odessa	25	1835CST			0	0	50K	0	Hail(1.75)

Large hail to the size of golfballs was reported to accumulate up to 3 inches deep on Interstate 20. Ice slick roadways resulted in numerous car accidents, with the interstate being closed west of Odessa.

Ector County Goldsmith	25	1840CST			0	0	0	0	Hail(1.75)
Ector County Penwell	25	1900CST 2100CST			0	0	0	0	Flash Flood

Two inches of rainfall in a short time span produced water as much as 15 inches deep on roadways in the community of Penwell.

Ector County 10 SW Odessa	25	1905CST			0	0	0	0	Hail(0.75)
Ector County 10 S Odessa	25	2000CST 2130CST			0	0	0	0	Flash Flood

Farm to Market Road 1787 was washed out due to flooding. Water was one and a half feet deep on the roadway.

Ector County Penwell	25	2030CST 2200CST			0	0	0	0	Flash Flood
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Water was one foot deep at the intersection of Farm to Market Road 1601 and Interstate-20.

Crane County 10 N Crane	25	2100CST 2300CST			0	0	0	0	Flash Flood
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Up to three inches of rainfall produced flooding along Farm to Market Road 1233, between Farm to Market Road 1601 and Highway 385. A large ranch in this area also reported several ranch roads were washed out due to flooding.

Ector County Pleasant Farms	25	2100CST			0	0	0	0	Flash Flood
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Up to three inches of rainfall produced flooding in the Pleasant Farms area.
An isolated supercell thunderstorm developed over the western Permian Basin ...and tracked south across Interstate 20 west of Odessa. The storm resulted in the accumulation of golfball size hail on the interstate, as well as flash flooding in both Ector and Crane Counties.

Pecos County 25 S Ft Stockton	26	1820CST	0.1	50	0	0	0	0	Tornado (F0)
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A brief tornado, ten seconds in duration, was reported by a television meteorologist.

Ector County 5 W Goldsmith	26	1855CST			0	0	0	0	Hail(1.75)
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A supercell thunderstorm moved across portions of Pecos County. TV storm chasers reported a brief tornado with this storm. Other severe thunderstorms developed in the western Permian Basin.

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May 2002

Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Number of Persons		Estimated Damage		Character of Storm
TEXAS West Andrews County 15 SSE Andrews	27	0900CST 0920CST			0	0	0	0	Hail(1.75)
		Marble to golfball size hail was reported for around 20 minutes.							
Scurry County 2 SW Knapp	27	0930CST			0	0	0	0	Hail(0.88)
		Pea to nickel size hail was reported.							
Scurry County 2 SW Knapp	27	1115CST			0	0	0	0	Hail(1.00)
		Dime to quarter size hail was reported.							
Scurry County Dunn to 9 E Dunn	27	1252CST 1330CST			0	0	0	0	Hail(1.75)
		Nickel to golfball hail was reported along Farm to Market Road 1606 from Dunn, eastward to Highway 84.							
Mitchell County 4 SE Loraine	27	1410CST 1412CST	0.3	100	0	0	65K	0	Tornado (F0)
		Thirteen power poles blown down as a result of a brief tornado in eastern Mitchell County.							
Andrews County 15 SSE Andrews	27	1445CST			0	0	0	0	Hail(1.75)
Upton County Midkiff	27	1500CST			0	0	3K	0	Hail(1.75)
		Several vehicle windshields were broken due to the large hail.							
Terrell County 2 W Sanderson	27	1515CST			0	0	0	0	Hail(0.88)
Dawson County Klondike	27	1530CST			0	0	0	0	Hail(1.75)
Ector County Gardendale	27	1540CST			0	0	0	0	Hail(1.75)
		Reported by a spotter for the local television station along Highway 158 in Gardendale.							
Ector County Gardendale	27	1549CST	0.1	50	0	0	2K	0	Tornado (F0)
		Brief and weak tornado reported by storm spotters in the community of Gardendale. Only tree and minor roof damage resulted.							
Ector County 5 ENE Gardendale	27	1555CST			0	0	0	0	Hail(0.88)
		Nickel hail reported covering the ground near the intersection of the Highway 158 and Farm to Market Road 1788 in both Ector and Midland Counties.							
Midland County 12 WNW Midland	27	1555CST			0	0	0	0	Hail(0.88)
		Nickel size hail reported covering the ground near the intersection of the Highway 158 and Farm to Market Road 1788 in both Ector and Midland Counties.							
Midland County 7 W Midland	27	1600CST			0	0	0	0	Hail(1.75)
		Golfball hail was reported at the intersection of West County Road 60 and Highway 158.							
Midland County Midland	27	1610CST 1627CST			0	0	0	0	Hail(1.00)
		Pea to quarter size hail was reported at the intersection of Andrews Highway and Midland Drive in the city of Midland.							
Dawson County 10 W Ackerly	27	1620CST	0.1	50	0	0	0	0	Tornado (F0)
		A brief tornado was observed from a supercell storm as it interacted with an outflow boundary.							
Howard County 11 S Big Spring	27	1620CST			0	0	0	0	Hail(1.25)

Storm Data and Unusual Weather Phenomena

		Time Local/	Path Length	Path Width	Number of Persons		Estimated Damage		May 2002
Location		Standard	(Miles)	(Yards)	Killed	Injured	Property	Crops	Character of Storm
TEXAS West									
	Quarter to up to half dollar size hail reported just into the southern portions of Howard County.								
Midland County 5 W Greenwood	27	1620CST	0.1	50	0	0	0	0	Tornado (F0)
	Trained spotters, local television meteorologists, and members of the general public reported a brief tornado near exit 144 of Interstate 20.								
Dawson County 4 E Patricia	27	1632CST			0	0	0	0	Hail(1.75)
	Reported on Farm to Market Road 828								
Midland County Spraberry	27	1632CST 1635CST			0	0	0	0	Hail(1.75)
Glasscock County 11 WSW Garden City	27	1638CST			0	0	0	0	Hail(1.75)
	Quarter to golfball size hail was reported.								
Glasscock County 15 W Garden City	27	1638CST			0	0	0	0	Hail(1.75)
	Quarter to golfball hail was reported by a storm spotter.								
Howard County Forsan to 3 NE Forsan	27	1710CST 1715CST			0	0	0	0	Hail(2.00)
	Ping pong ball to lemon size hail reported in and near the community of Forsan.								
Glasscock County 5 E Garden City	27	1800CST			0	0	0	0	Hail(1.75)
	The 27th was a very active severe weather day across the region. Severe thunderstorms began early in the day ...with the first reports of severe hail received by 9:30 AM CST. A dryline was positioned near the Texas/New Mexico border ...with a well defined outflow boundary oriented across the far northern Permian Basin and the western low rolling plains of West Texas. Numerous supercell thunderstorms developed across the Permian Basin by mid afternoon. Tornadoes were observed as the most intense storms interacted with the outflow boundary. The most significant damage produced by any of the tornadoes was the downing of power poles in Mitchell County. Reports of large hail were common across the area.								
Ector County Goldsmith	28	1637CST			0	0	0	0	Hail(0.88)
Crane County 19 NW Crane	28	1700CST			0	0	0	0	Hail(1.75)
Pecos County 2 NE Girvin	28	1730CST			0	0	0	0	Hail(1.75)
Pecos County 11 W Girvin	28	1748CST	0.1	50	0	0	0	0	Tornado (F0)
	A motorists and local law enforcement officials witnessed a brief tornado west of highway 67.								
Pecos County Bakersfield	28	1804CST			0	0	0	0	Hail(0.88)
Pecos County 7 WNW Bakersfield	28	1820CST			0	0	0	0	Thunderstorm Wind (G52)
Gaines County Seagraves	28	2145CST			0	0	0	0	Hail(1.00)
	Quarter hail was covering the ground in Seagraves.								
Gaines County 11 NE Seminole	28	2224CST			0	0	0	0	Hail(1.75)
Gaines County Loop	28	2240CST			0	0	0	0	Hail(0.88)
	Reported by the employees at the local cotton gin.								
Dawson County 3 W Patricia	28	2330CST			0	0	0	0	Hail(1.00)

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										May 2002
Location	Date	Time Local/ Standard	Path Length (Miles)	Path Width (Yards)	Killed	Number of Persons injured	Property	Estimated Damage Crops	Character of Storm.	
<u>TEXAS West</u>										
			Severe thunderstorms developed during the afternoon and evening of the 28th across the western Permian Basin and the Trans Pecos region. One isolated supercell developed over Crane County ...and tracked south across Pecos County. Multiple reports were received of a brief tornado in northern Pecos County west of Girvin. Other severe storms across the area produced large hail and severe thunderstorm wind gusts.							
Andrews County 7 SE Andrews	29	1800CST			0	0	0	0	Thunderstorm Wind (G57)	
			Large limbs blown from trees.							
Midland County 9 W Midland	29	1854CST			0	0	0	0	Thunderstorm Wind (G52)	
			A thunderstorm gust was reported at the intersection of Highway 191 and Farm to Market Road 1788.							
Ector County 7 W Odessa	29	1900CST			0	0	0	0	Hail(0.88)	
			Nickel hail was reported in West Odessa.							
Ector County Pleasant Farms	29	1932CST			0	0	0	0	Hail(0.75)	
			Penny hail was reported in Pleasant Farms.							
Ector County Pleasant Farms	29	1932CST 1945CST			0	0	2K	0	Thunderstorm Wind (G57)	
			Thunderstorm winds blew a roof off a barn in Pleasant Farms.							
Crane County Crane	29	2000CST 2010CST			0	0	0	0	Thunderstorm Wind (G52)	
			A small complex of high based severe thunderstorms developed over the western Permian Basin, and resulted in hail to the size of quarters and numerous reports of damaging winds.							